

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060520.D
 Acq On : 16 Mar 2020 14:06
 Operator : JC/MD
 Sample : L1762-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220

Quant Time: Mar 17 09:18:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

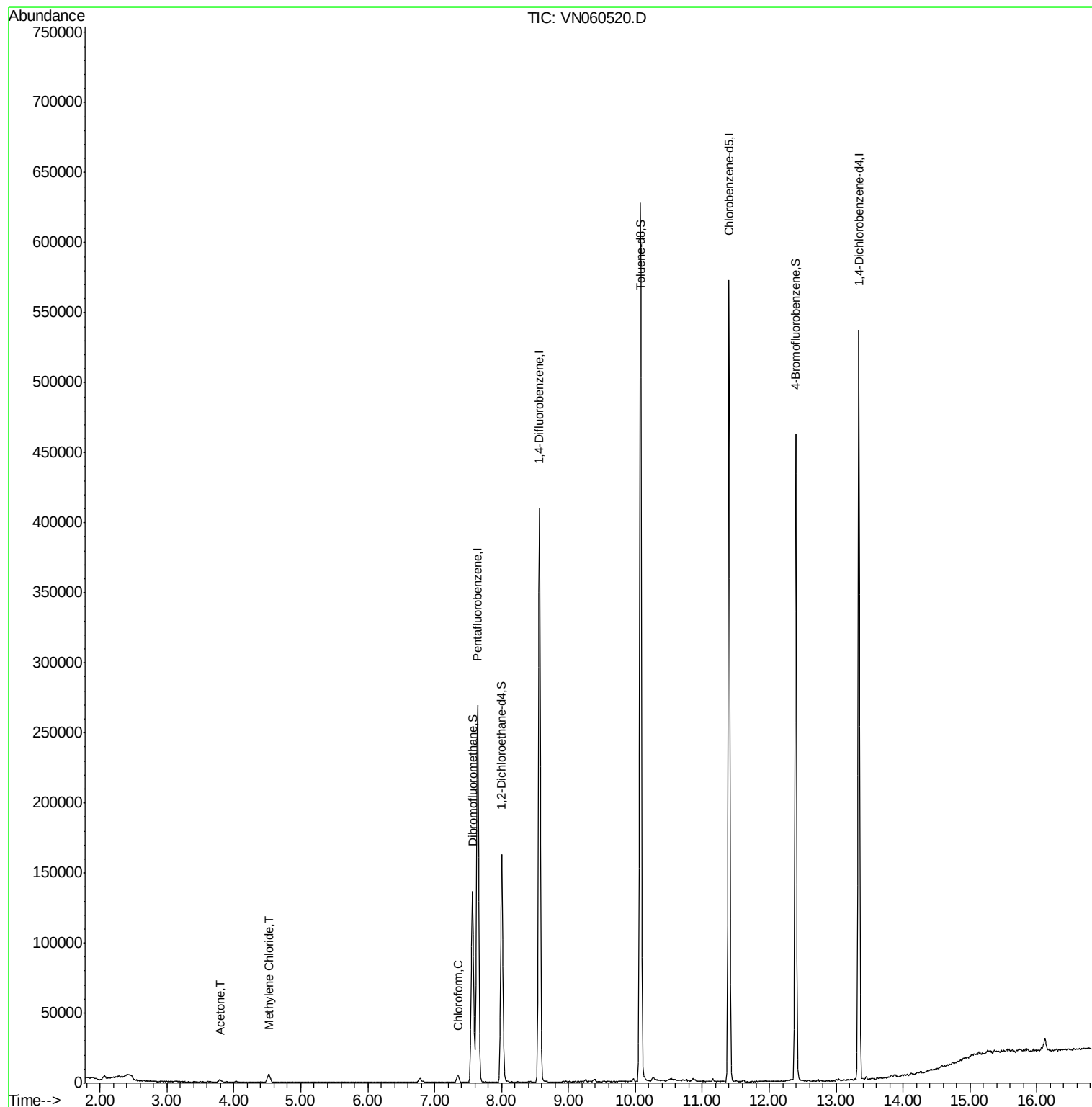
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	219636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	362924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	330184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	138708	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	7.56	113	105059	62.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.74%	
50) Toluene-d8	10.08	98	442726	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	160794	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
Target Compounds						
16) Acetone	3.79	43	3512	3.859	ug/l	95
20) Methylene Chloride	4.52	84	4536	1.815	ug/l	94
30) Chloroform	7.35	83	5994	1.350	ug/l	95

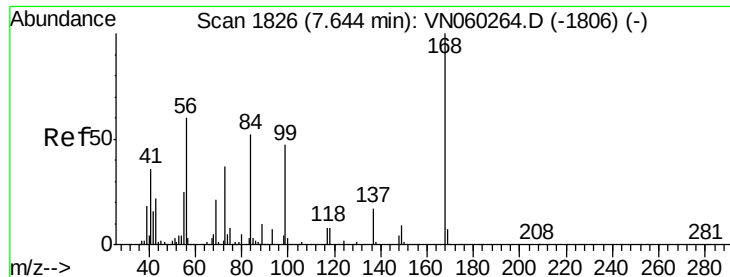
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060520.D

Acq: 16 Mar 2020 14:06

Instrument :

MSVOA_N

ClientSampled :

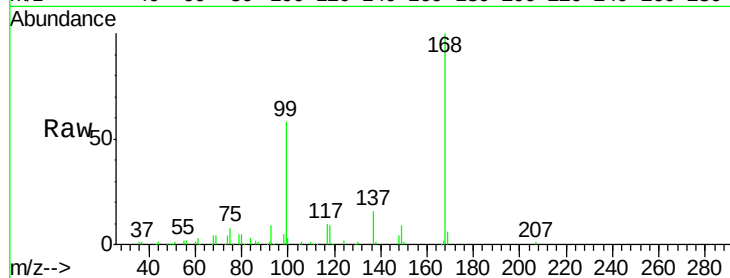
TR-04-031220

Tot Ion:168 Resp: 219636

Ion Ratio Lower Upper

168 100

99 58.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

100000

80000

60000

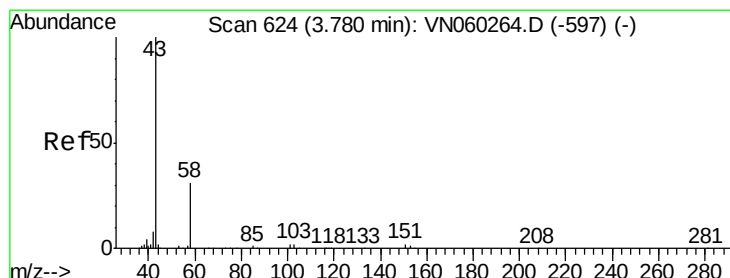
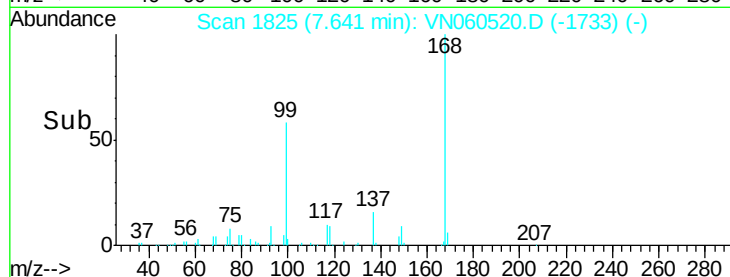
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 3.859 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060520.D

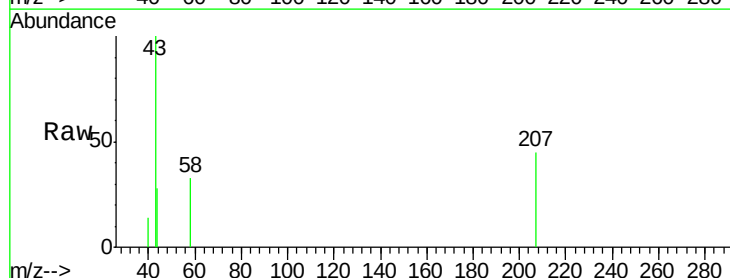
Acq: 16 Mar 2020 14:06

Tgt Ion: 43 Resp: 3512

Ion Ratio Lower Upper

43 100

58 33.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

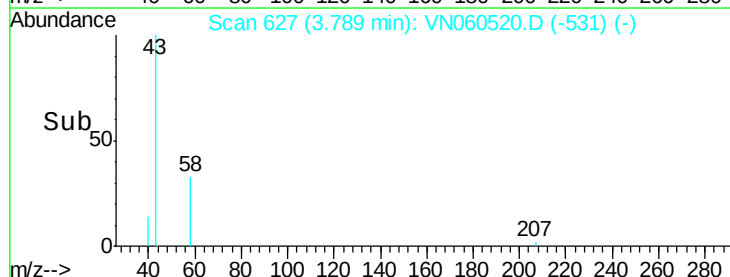
1000

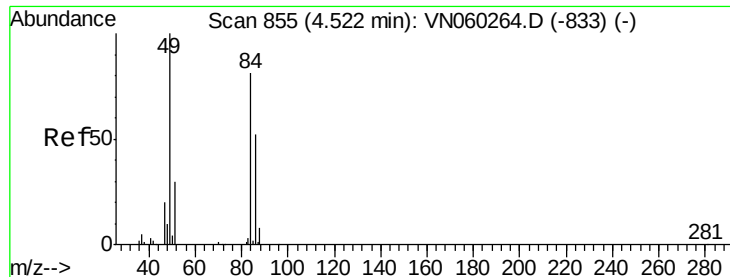
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

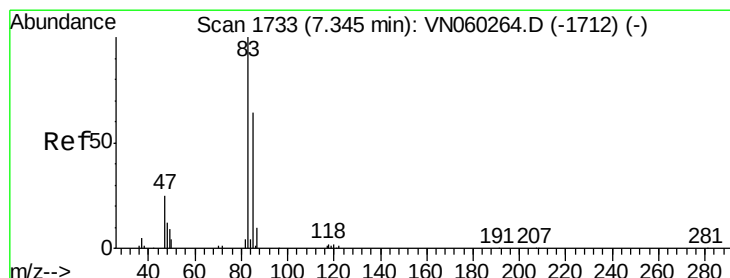
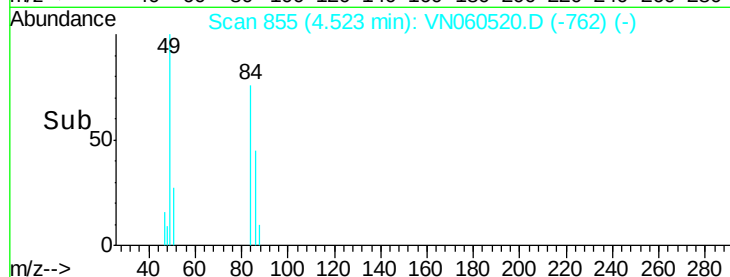
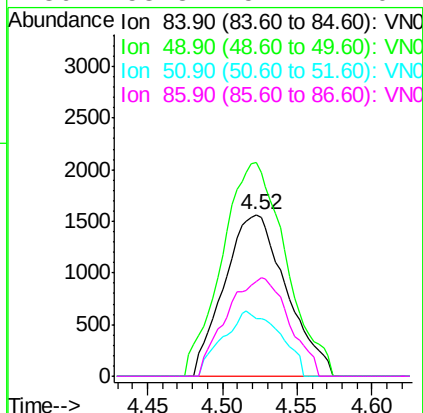
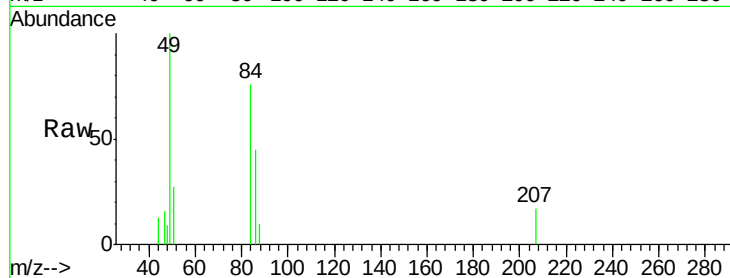




#20
Methylene Chloride
Concen: 1.815 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060520.D
Acq: 16 Mar 2020 14:06

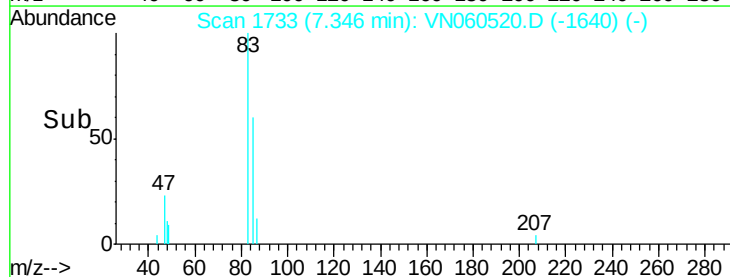
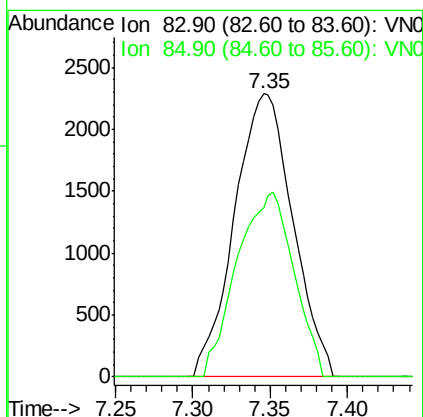
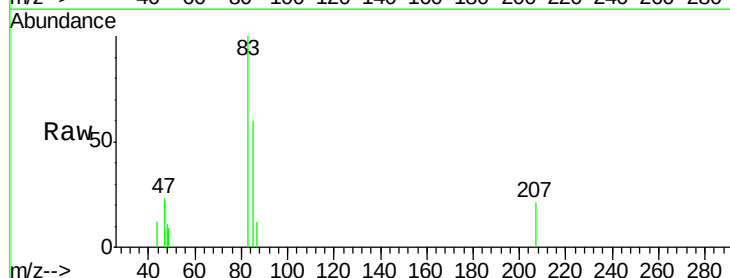
Instrument :
MSVOA_N
ClientSampleId :
TR-04-031220

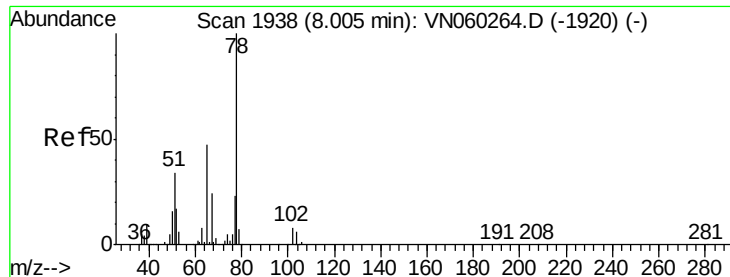
Tot Ion: 84 Resp: 4536
Ion Ratio Lower Upper
84 100
49 132.1 99.3 148.9
51 35.8 30.1 45.1
86 58.8 51.1 76.7



#30
Chloroform
Concen: 1.350 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060520.D
Acq: 16 Mar 2020 14:06

Tgt Ion: 83 Resp: 5994
Ion Ratio Lower Upper
83 100
85 60.1 51.4 77.2

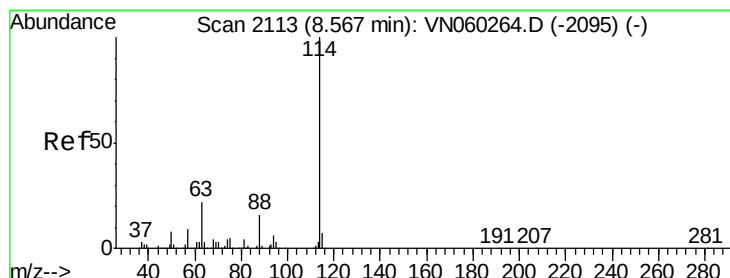
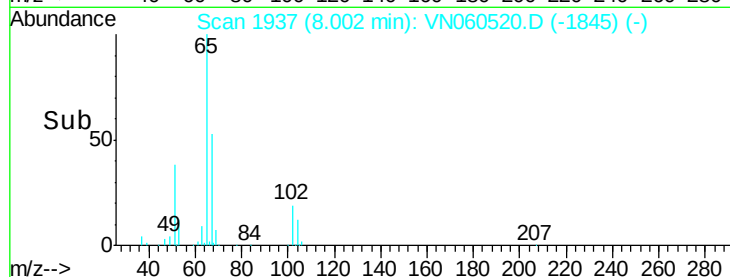
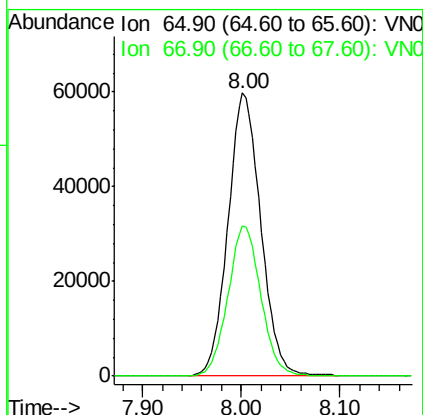
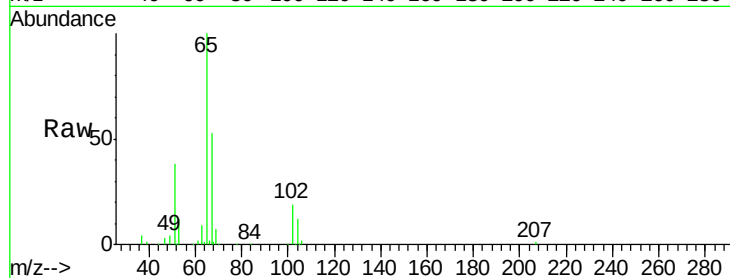




#33
 1,2-Dichloroethane-d4
 Concen: 49.223 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060520.D
 Acq: 16 Mar 2020 14:06

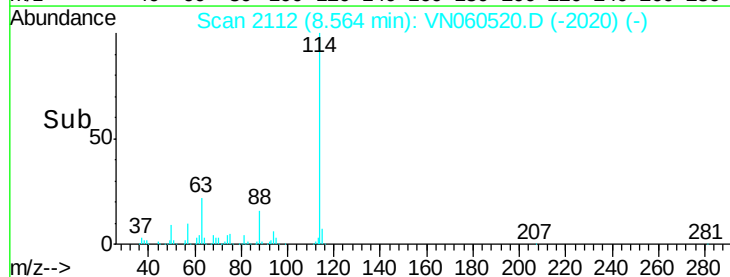
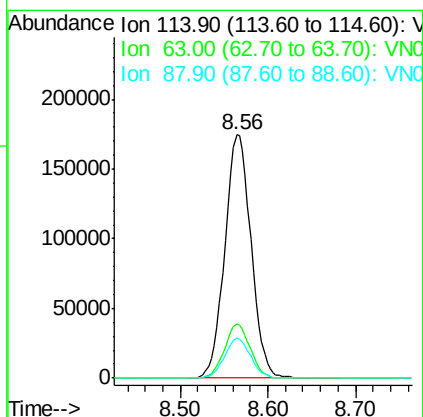
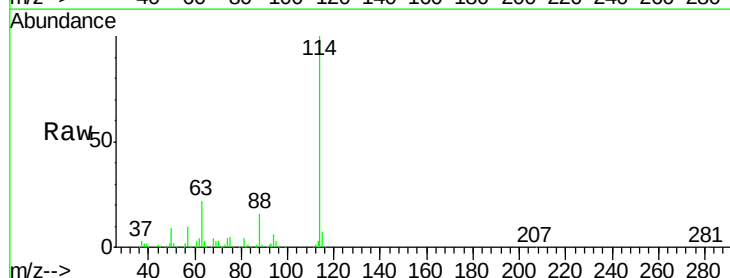
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220

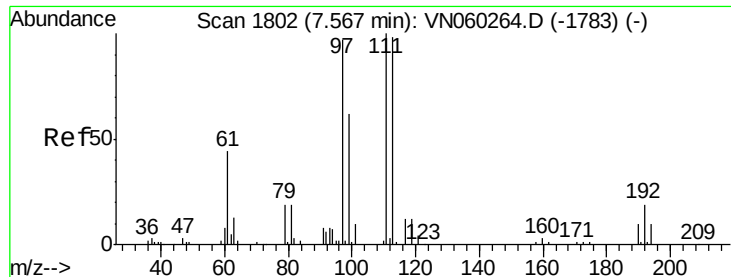
Tot Ion: 65 Resp: 138708
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060520.D
 Acq: 16 Mar 2020 14:06

Tgt Ion: 114 Resp: 362924
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.3 0.0 31.6

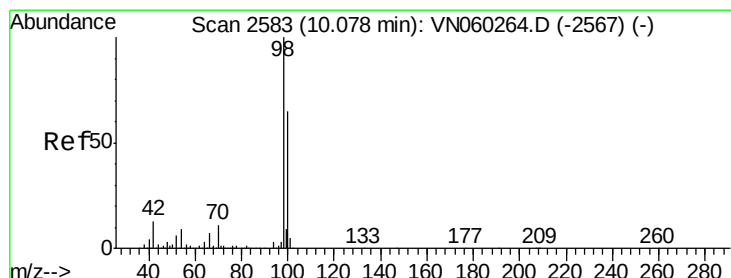
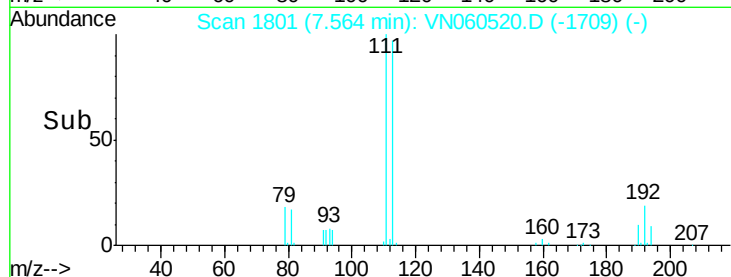
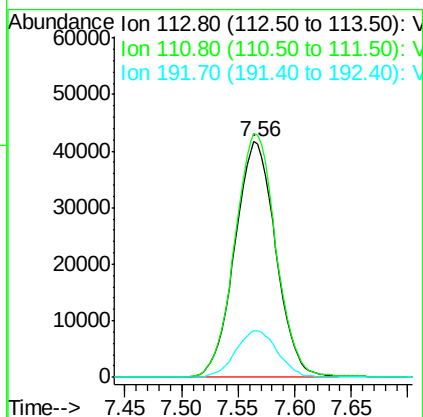
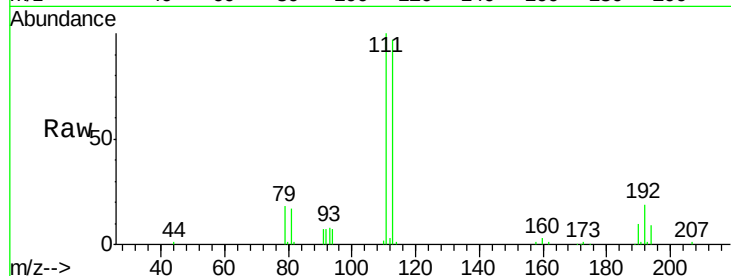




#35
 Dibromofluoromethane
 Concen: 62.365 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060520.D
 Acq: 16 Mar 2020 14:06

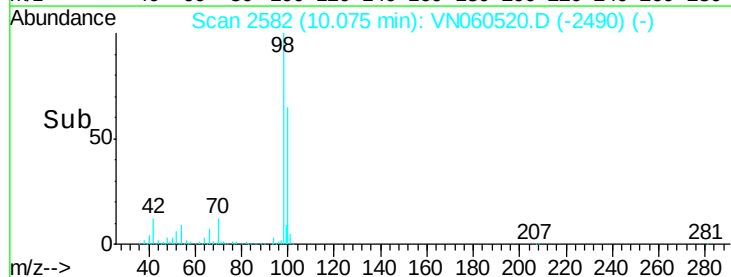
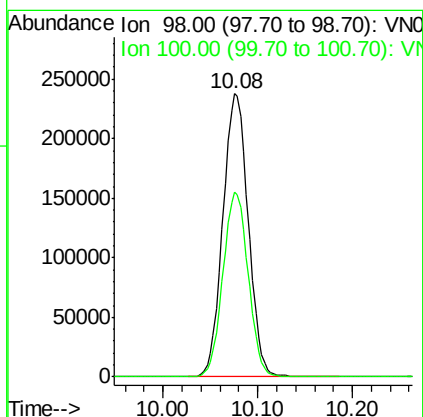
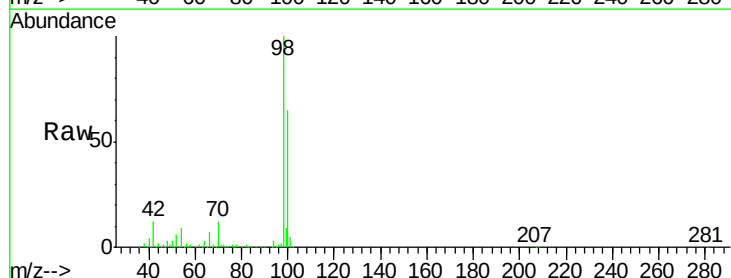
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-031220

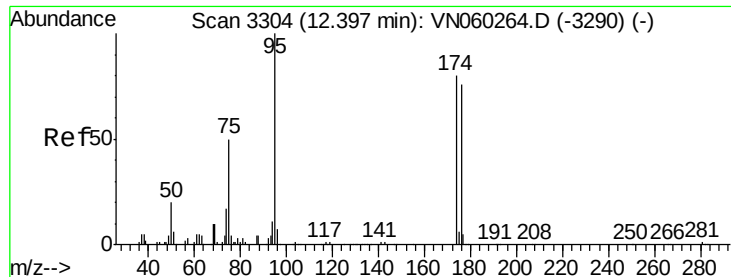
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.4	123.6
192	20.1	16.2	24.2



#50
 Toluene-d8
 Concen: 51.927 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060520.D
 Acq: 16 Mar 2020 14:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 49.752 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060520.D

Acq: 16 Mar 2020 14:06

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220

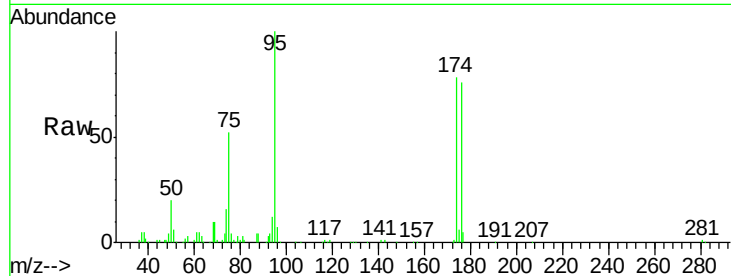
Tot Ion: 95 Resp: 160794

Ion Ratio Lower Upper

95 100

174 78.0 0.0 159.2

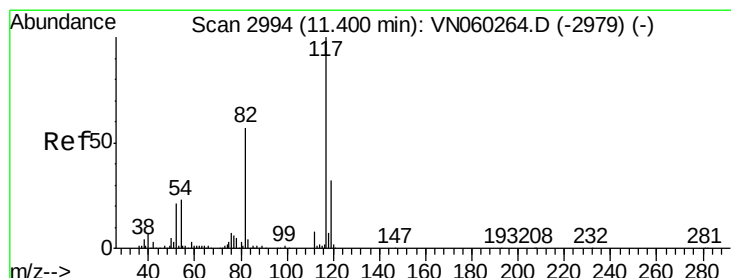
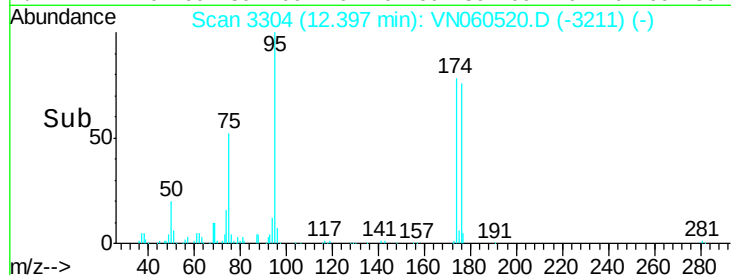
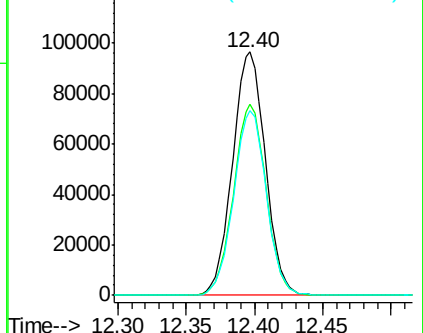
176 75.6 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060520.D

Acq: 16 Mar 2020 14:06

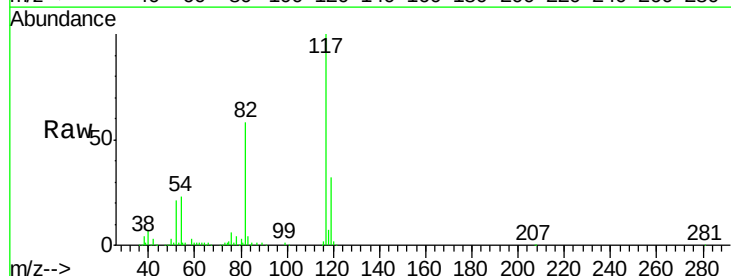
Tgt Ion: 117 Resp: 330184

Ion Ratio Lower Upper

117 100

82 58.5 45.8 68.6

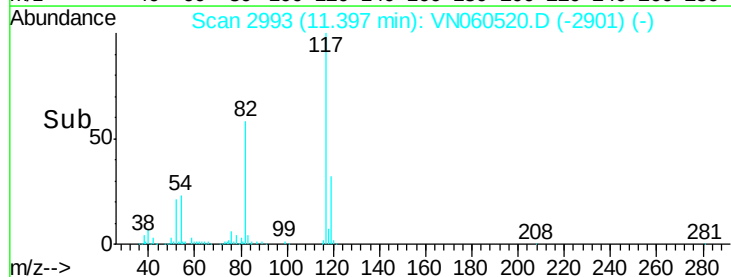
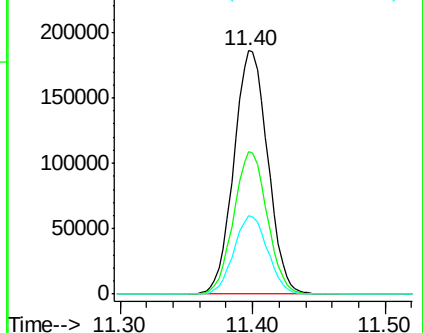
119 32.1 25.8 38.8

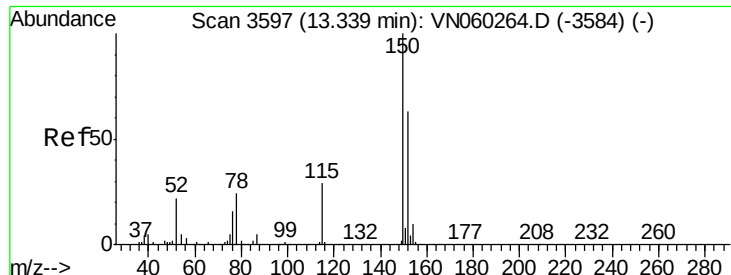


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060520.D

Acq: 16 Mar 2020 14:06

Instrument :

MSVOA_N

ClientSampleId :

TR-04-031220

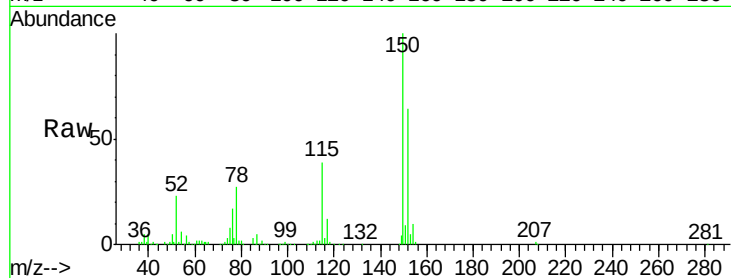
Tot Ion:152 Resp: 144905

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 157.3 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

